

CLAIMS

1. A frame unit for use in construction formwork comprising a plurality of frame components including a first frame component having a first wall section comprising at least one elongate member configured to form a loop, a second frame component having a second wall section comprising at least one elongate member configured to form a loop and a connection means for connecting frame components together to form an assembled frame with reinforcing means therethrough, which is adapted to have a plurality of panels connected thereto; wherein a plurality of frame units are arranged to be assembled to form formwork for a wall.
2. A frame unit as claimed in claim 1 wherein the reinforcing means comprises a mesh structure.
3. A frame unit as claimed in claim 1 wherein each frame component is assembled to form a rectangular unit having side and end walls.
4. A frame unit as claimed in claim 3 wherein the frame components are adapted to be assembled with the reinforcing means located between side wall frame components and extending upwardly and downwardly therebetween.
5. A frame unit as claimed in ^{claim 1} ~~any one of the preceding claims~~ wherein the connection means comprises an elongate connection member and at least one fastening means for connecting frame components thereto.
6. A frame unit as claimed in claim 5 wherein the connection means comprises a plurality of elongate connection members each adapted to be connected to a plurality of frame components with the fastening means.
7. A frame unit as claimed in claim 6 wherein each elongate connection member is adapted to extend between adjacent corners of frame components.
8. A frame unit as claimed in claim 7 wherein the elongate connection members comprise rods which are arranged to run in parallel with the top and bottom parts of end frame components.

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9. A frame unit as claimed in claim 8 wherein the elongate connection members are adapted to be connected by clips to the corners of the frame unit.

10. A frame unit as claimed in claim 9 wherein the fastening means includes wire which is used to connect the elongate connection members to the frame unit.

11. A frame unit as claimed in claim 9 wherein the ends of the elongate connection members comprise removable retaining means for connection thereto.

12. A frame unit as claimed in claim 5, wherein each elongate connection member has at least one fastening means thereon.

13. A frame unit as claimed in ^{Claim 1} ~~any one of the preceding claims~~ including a plurality of panels adapted to be connected to the assembled frames.

14. A frame unit as claimed in claim 13 wherein each panel includes openings for receipt of ends of the elongate connection members.

15. A frame unit as claimed in claim 14 wherein each panel includes coupling means for coupling adjacent panels together.

16. A frame unit as claimed in claim 15 wherein each panel is adapted to be connected to ends of the elongate connection members so as to be retainable thereon by retainers of the elongate connection members.

17. A frame unit as claimed in claim 16 wherein the elongate connection members have fastening means located on an outer surface thereof.

18. A method of constructing formwork for a building structure comprising the steps of forming a frame unit by connecting a plurality of frame components together using a connection means to form an assembled frame with openings to allow for entry of a settable substance, providing a reinforcing means through the assembled frame prior to assembly and connecting the reinforcing means to the frame unit and connecting panels to the frame unit to form a module which is movable to be connected to another module.

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19. A method of constructing formwork as claimed in claim 18 wherein each module comprises coupling means for enabling modules to be coupled together.

5 20. A method as claimed in claim 19 wherein the step of connecting the plurality of frame components together includes providing a plurality of frame components of a predetermined shape and arranging the frame components to form a frame of a predetermined shape.

10 21. A method as claimed in claim 20 wherein each frame unit has a three-dimensional shape and includes a plurality of loops connected together.

15 22. A panel for use in constructing framework for a building structure, the panel having major faces and edge faces with openings through the major faces adapted to receive ends of elongate members and coupling means for coupling panels together so that a reinforcing means is located between coupled panels.

20 23. A panel as claimed in claim 22 including coupling portions which are adapted to couple edge faces of adjacent panels together.

24. A frame unit as claimed in claim 1 wherein a plurality of elongate members are configured to form a loop of at least one of the wall sections.

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